

Claims

- [c1] A round tapered shaft to be used to form the body of a billiard cue or a portion of a billiard cue. Said shaft includes a core of wood and a skin of composite material of fibers in a binder such as glass fiber/epoxy or carbon fiber/epoxy. Said core is of a wood such as spruce that is of substantially lower density than what is used in conventional billiard cue shafts.
- [c2] The shaft of claim 1 wherein the core is made of Sitka Spruce.
- [c3] The shaft of claim 1 wherein the core is of a wood having a density of less than 9 grams/cubic inch.
- [c4] The shaft of claim 1 wherein the core is of a wood having a density of less than 8 grams/cubic inch.
- [c5] The shaft of claim 1 wherein the thickness of the composite skin varies along its length to provide more or less mass and/or stiffness where required.
- [c6] The shaft of claim 1 wherein the thickness of the composite skin continuously increases along its length from a low at the smaller diameter front end to a high at the larger diameter back end.
- [c7] The shaft of claim 1 wherein the shaft is capped watertight at both ends.